

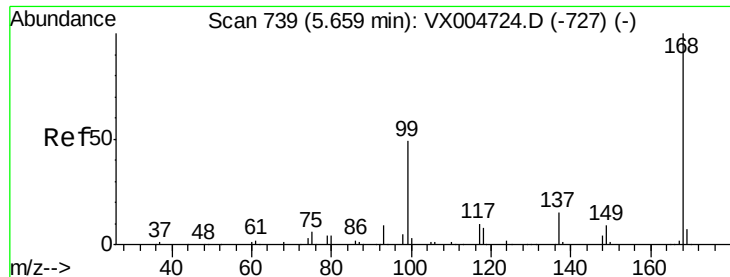
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005038.D
 Acq On : 05 Oct 2018 00:03
 Operator : JC/MD
 Sample : J5207-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 03:25:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162774	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	5.50	113	136455	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	8.72	98	494428	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.14	95	180796	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	743	0.211	ug/l #	78
5) Bromomethane	1.64	94	524	0.268	ug/l #	73
6) Chloroethane	1.73	64	192	Below Cal	#	45
11) Tert butyl alcohol	3.01	59	5009	5.897	ug/l #	77
16) Acetone	2.45	43	7552	4.258	ug/l	97
18) Methyl Acetate	2.78	43	11815	2.629	ug/l	97
20) Methylene Chloride	2.86	84	1256	Below Cal	#	82
31) Cyclohexane	5.67	56	3784	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13939	3.507	ug/l #	46
38) Carbon Tetrachloride	5.66	117	18749	4.487	ug/l #	18
74) N-amyl acetate	10.91	43	141	1.769	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	88377	21.074	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	337	Below Cal		74
81) trans-1,4-Dichloro-2-buten	11.14	75	88377	57.180	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	791	Below Cal		96
95) Naphthalene	13.83	128	1009	0.783	ug/l #	90

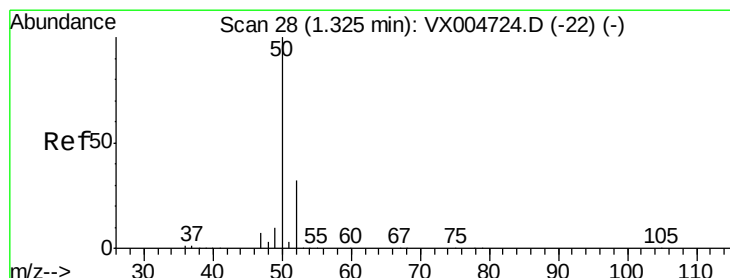
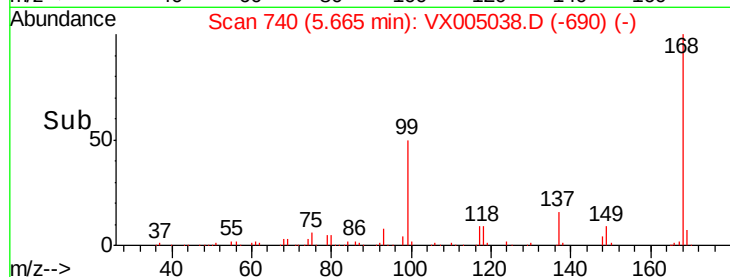
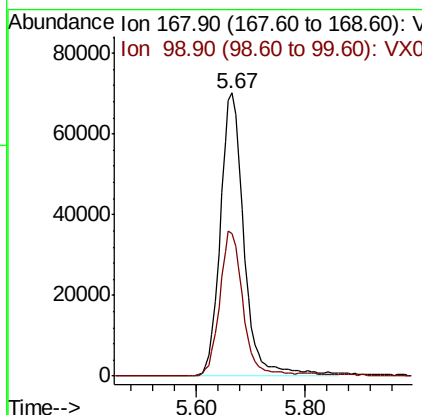
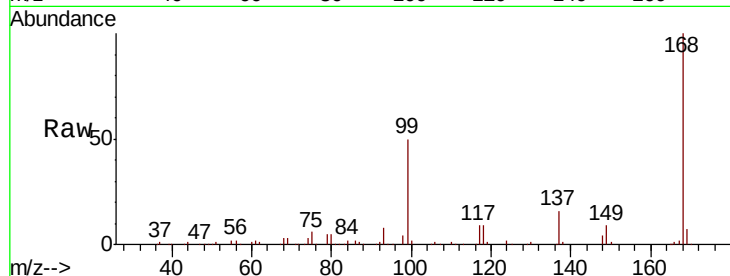
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

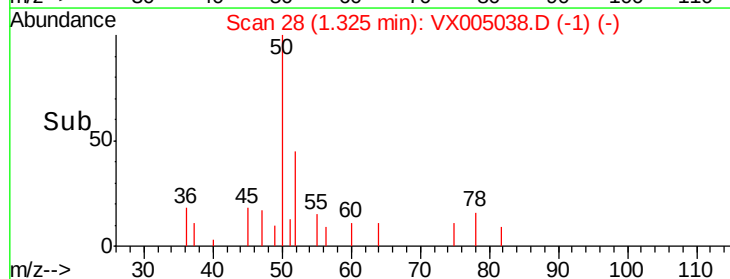
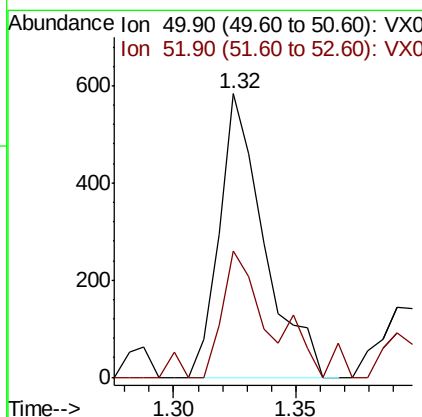
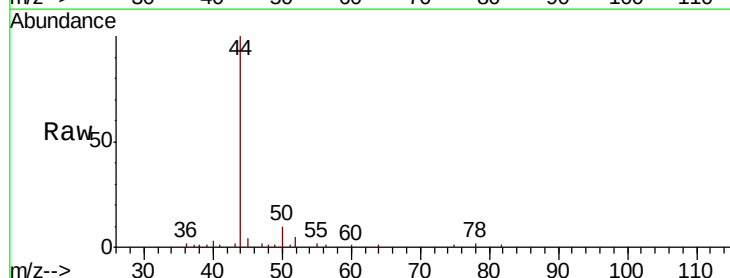
Instrument :
MSVOA_X
ClientSampleId :

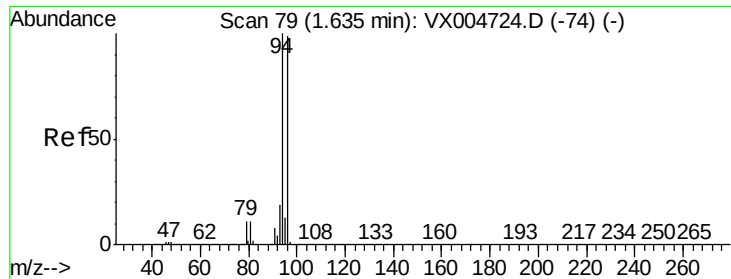
Tot Ion:168 Resp: 212674
Ion Ratio Lower Upper
168 100
99 50.1 39.3 58.9



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 50 Resp: 743
Ion Ratio Lower Upper
50 100
52 44.6 25.8 38.6#





#5

Bromomethane

Concen: 0.268 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005038.D

Acq: 05 Oct 2018 00:03

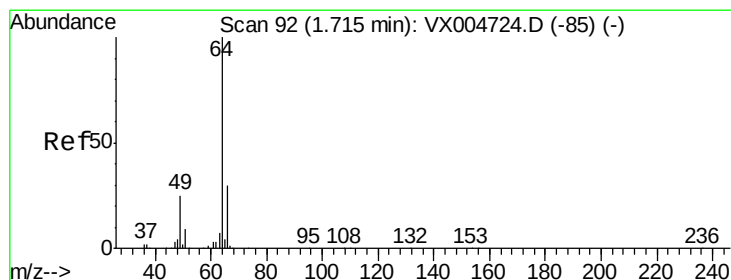
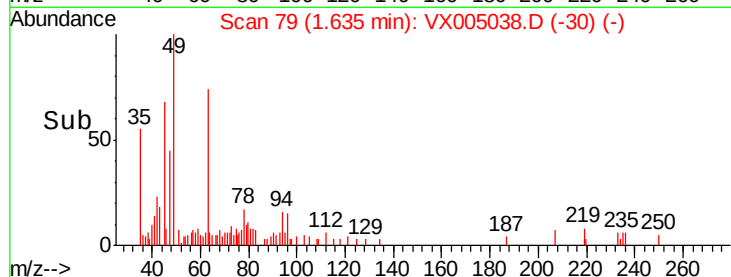
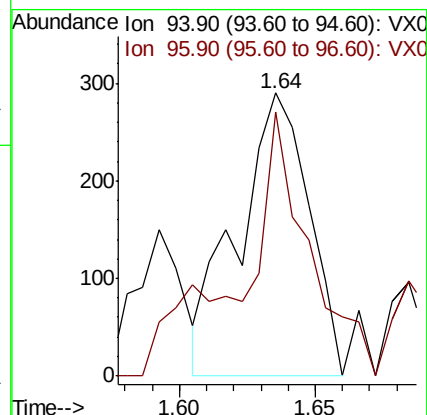
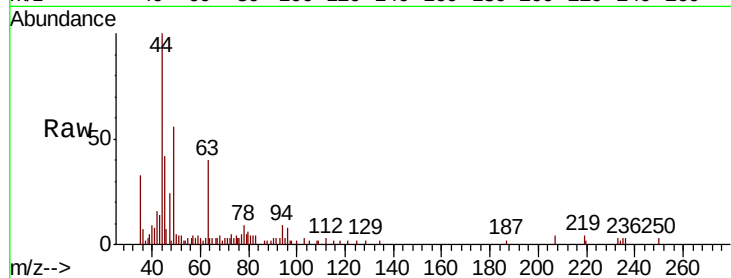
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 524

Ion Ratio Lower Upper

94 100

96 72.4 79.5 119.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005038.D

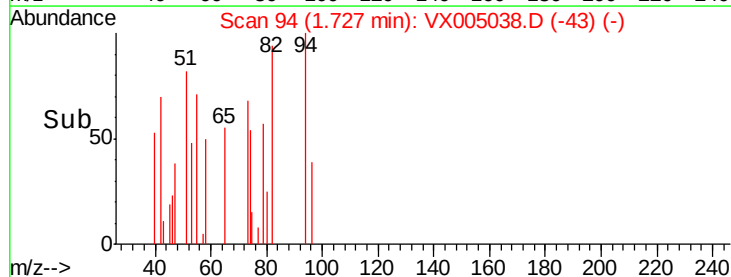
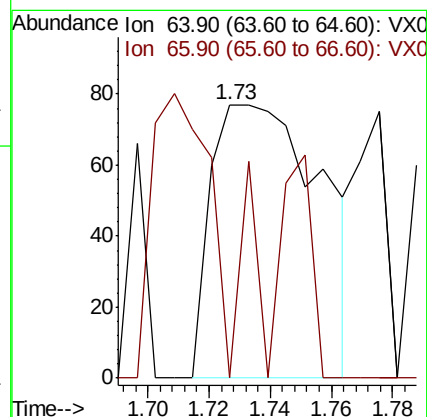
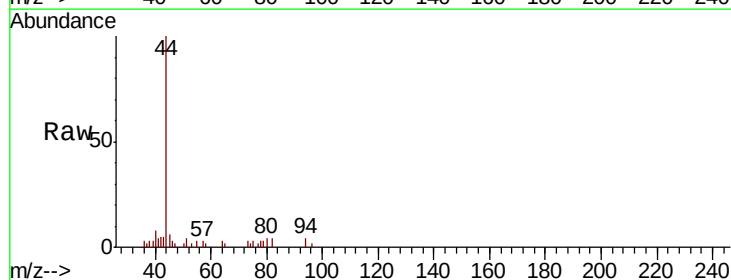
Acq: 05 Oct 2018 00:03

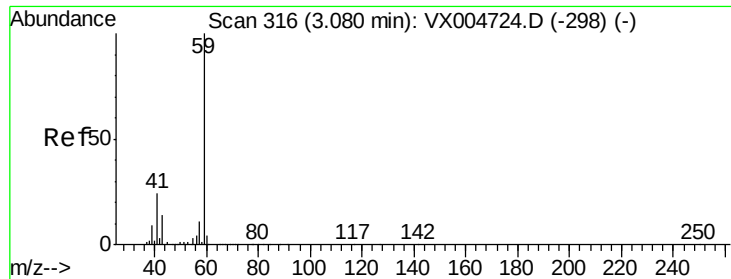
Tgt Ion: 64 Resp: 192

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#

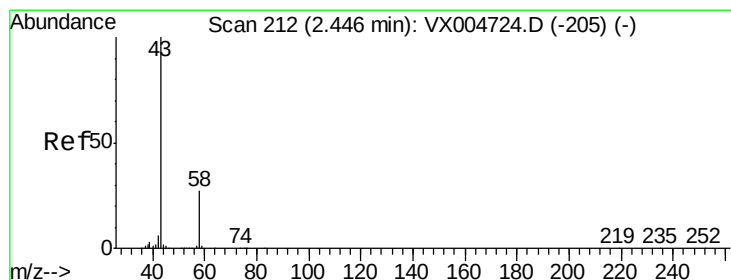
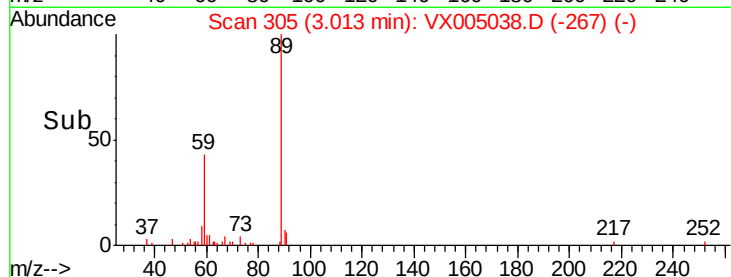
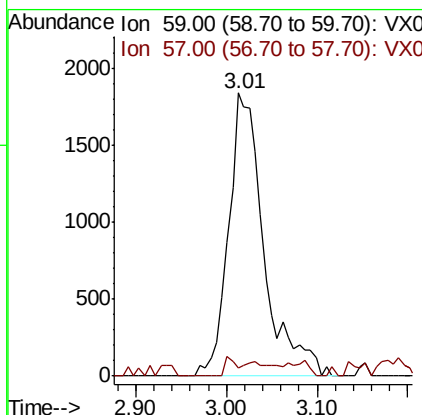
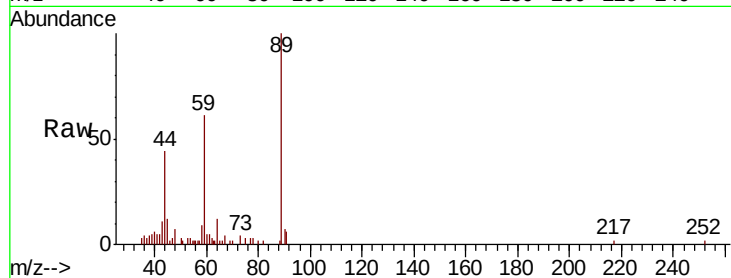




#11
Tert butyl alcohol
Concen: 5.897 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

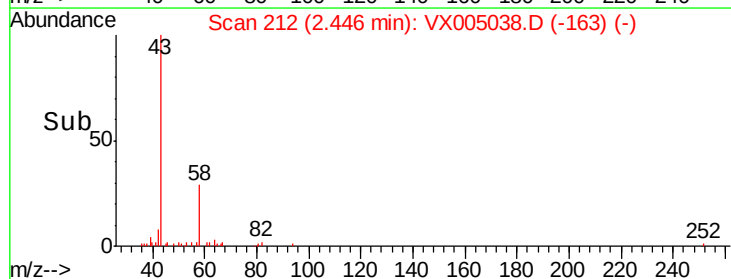
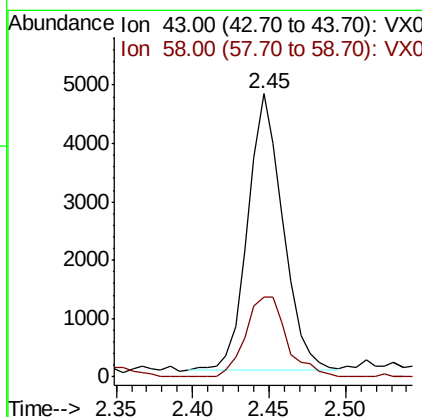
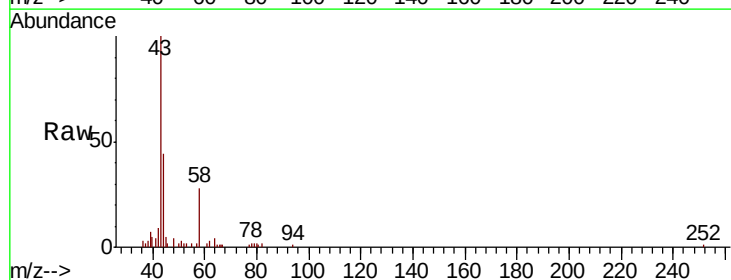
Instrument :
MSVOA_X
ClientSampleId :

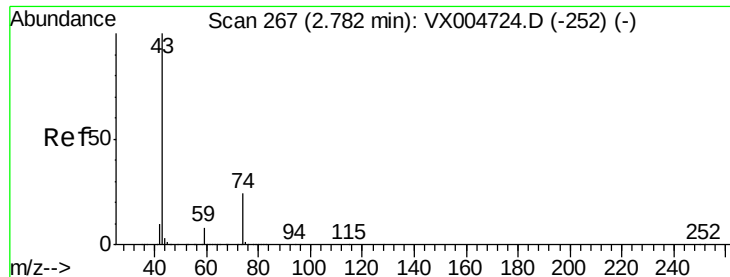
Tot Ion: 59 Resp: 5009
Ion Ratio Lower Upper
59 100
57 2.1 8.6 12.8#



#16
Acetone
Concen: 4.258 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 43 Resp: 7552
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6

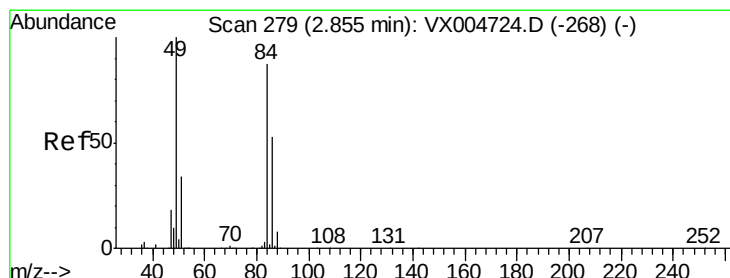
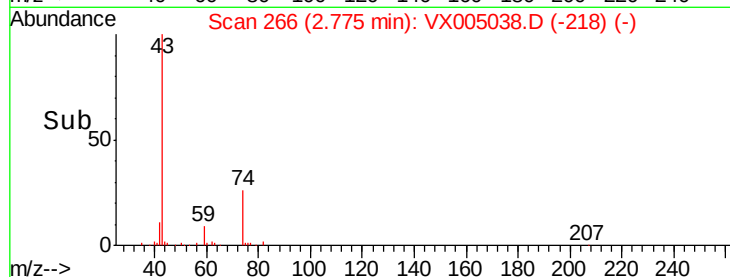
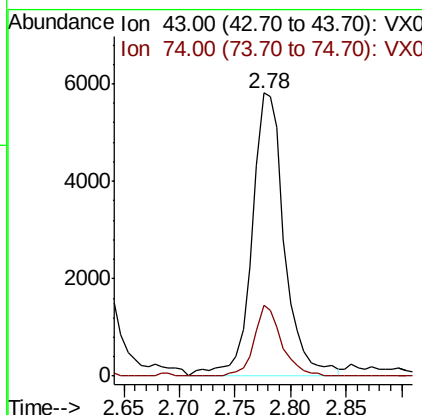
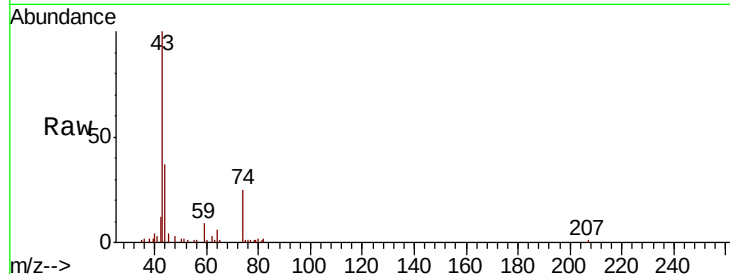




#18
Methvl Acetate
Concen: 2.629 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

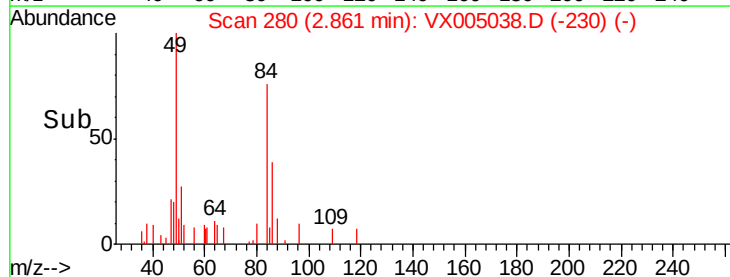
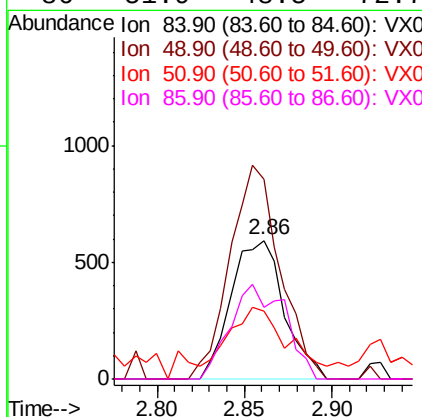
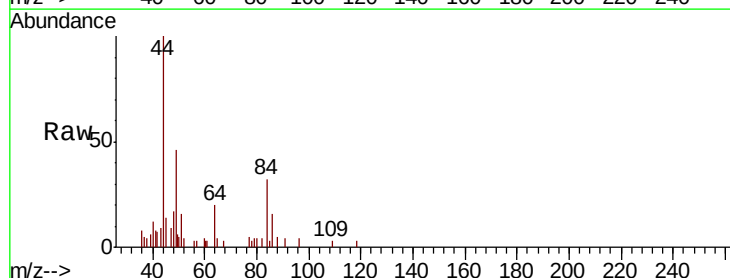
Instrument :
MSVOA_X
ClientSampleId :

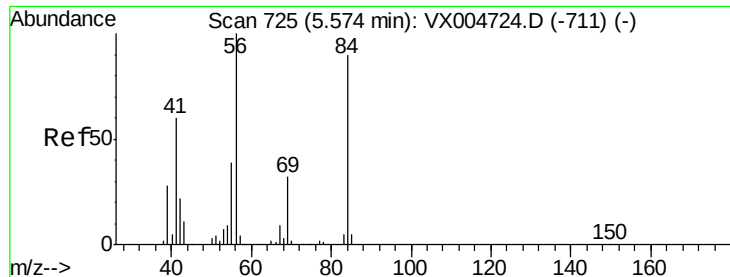
Tot Ion: 43 Resp: 11815
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 84 Resp: 1256
Ion Ratio Lower Upper
84 100
49 143.9 92.3 138.5#
51 37.4 31.8 47.6
86 51.9 48.5 72.7

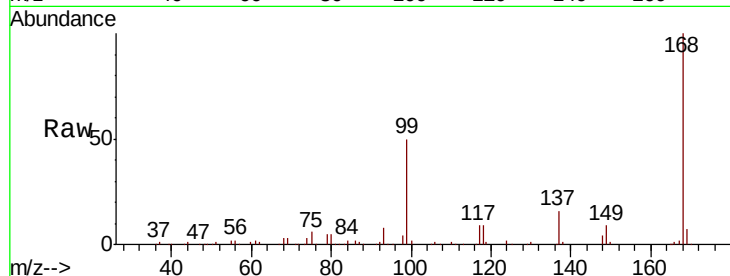




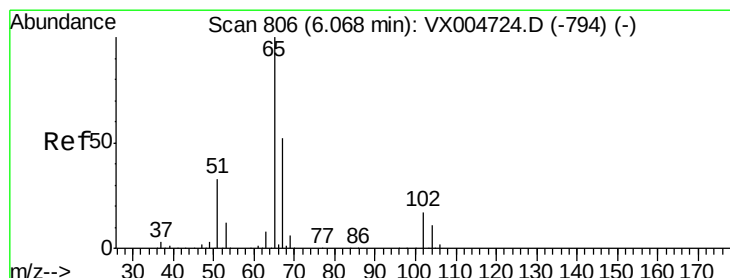
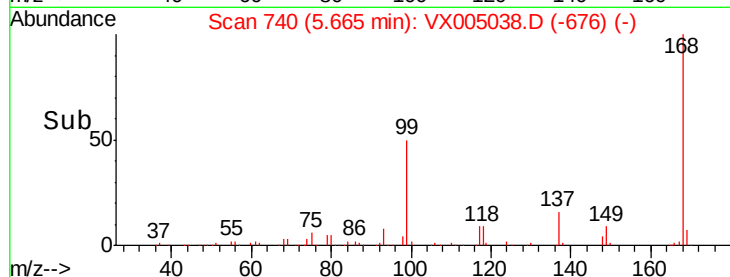
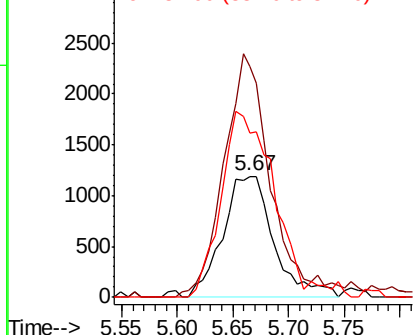
#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 185.0 25.9 38.9#
84 135.9 71.9 107.9#

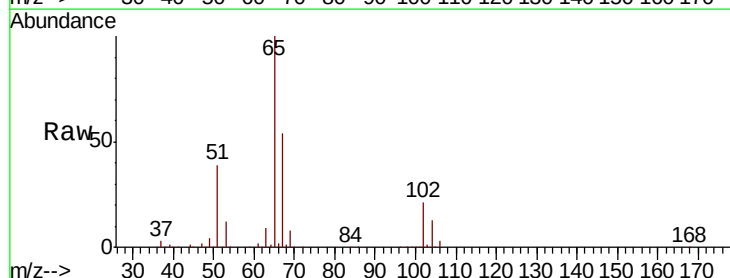


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

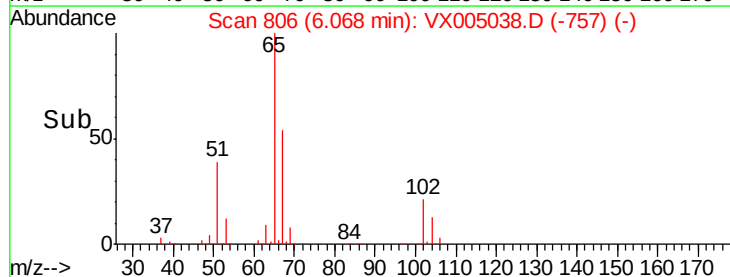
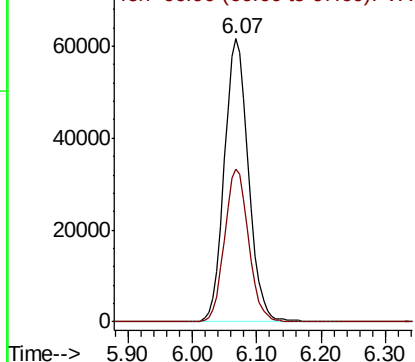


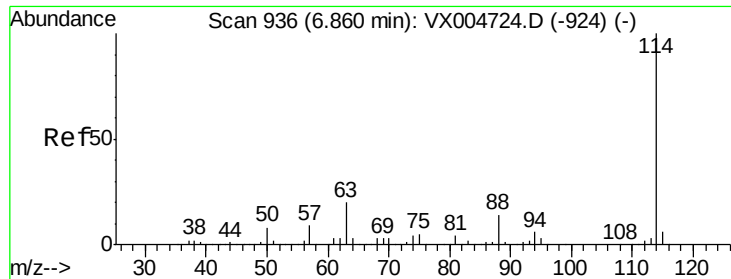
#33
1,2-Dichloroethane-d4
Concen: 53.578 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 65 Resp: 162774
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

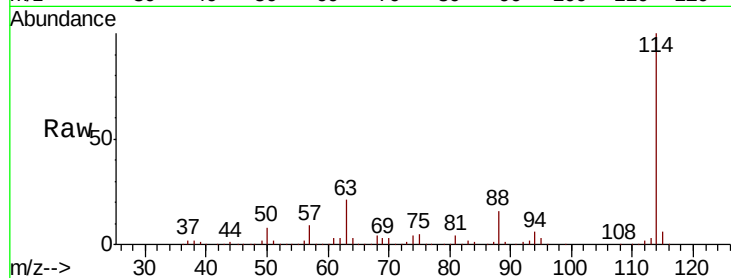




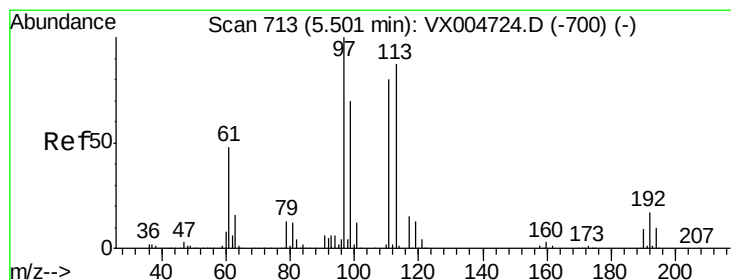
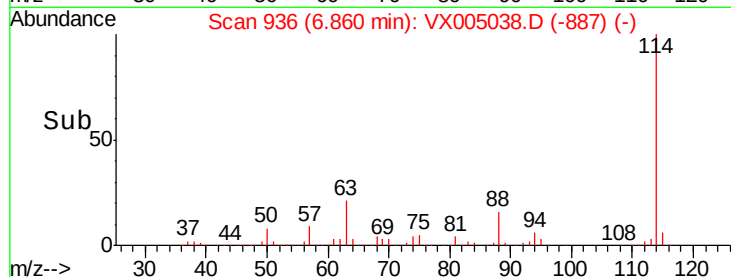
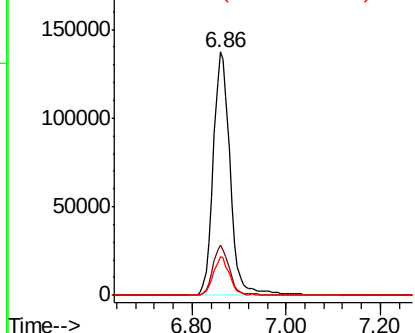
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005038.D
 Acq: 05 Oct 2018 00:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 343743
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 15.9 0.0 27.0

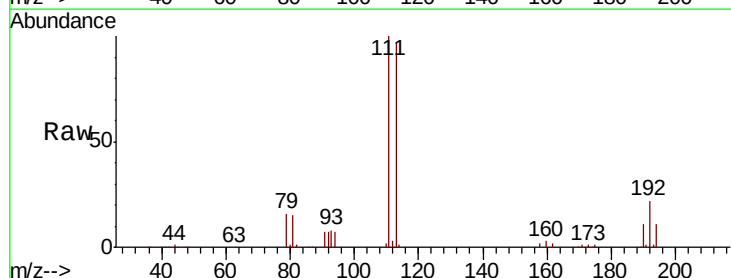


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

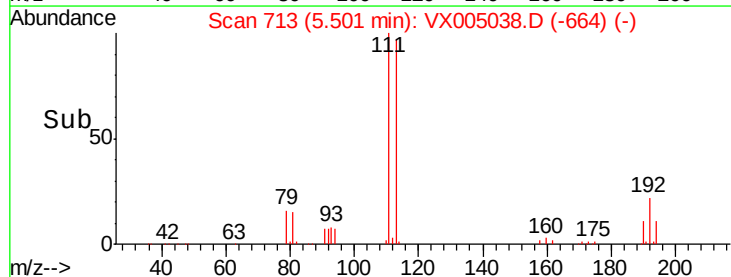
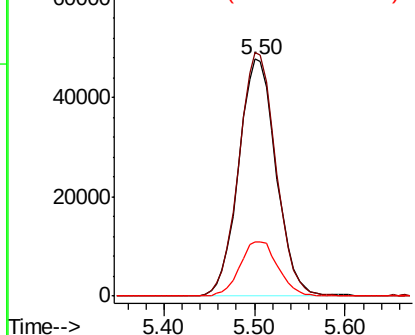


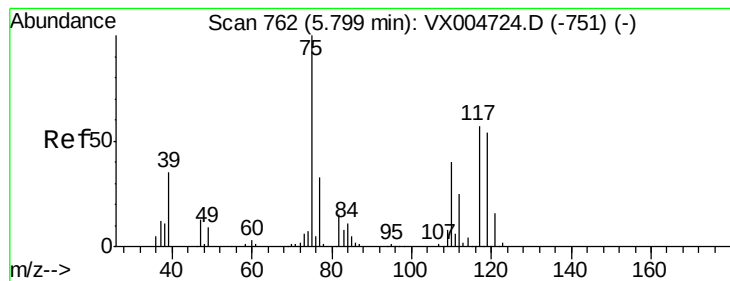
#35
 Dibromofluoromethane
 Concen: 46.839 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005038.D
 Acq: 05 Oct 2018 00:03

Tgt Ion:113 Resp: 136455
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 23.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.507 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005038.D

Acq: 05 Oct 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

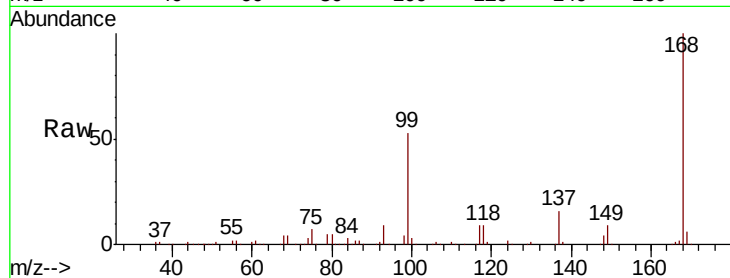
Tot Ion: 75 Resp: 13939

Ion Ratio Lower Upper

75 100

110 9.4 20.0 59.9#

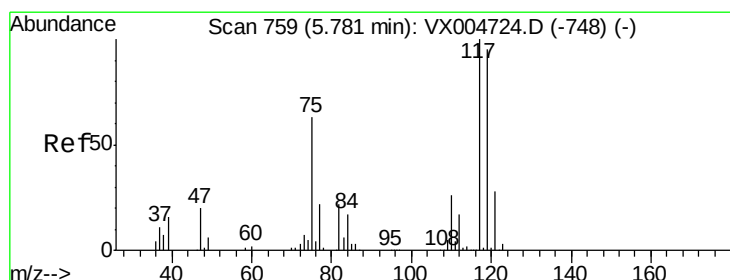
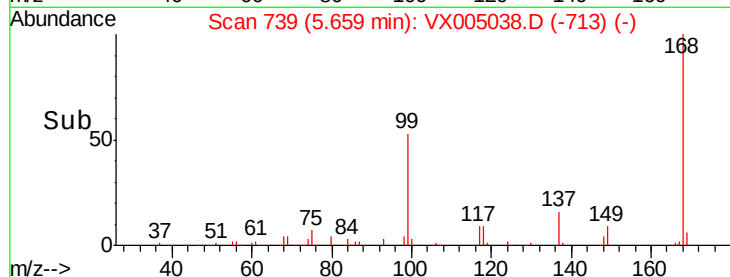
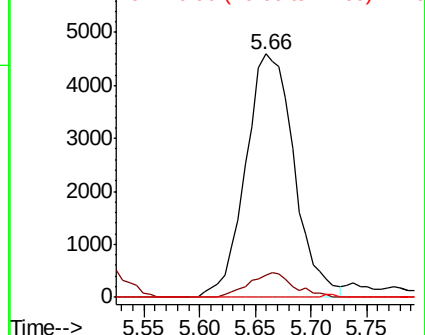
77 0.0 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 4.487 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005038.D

Acq: 05 Oct 2018 00:03

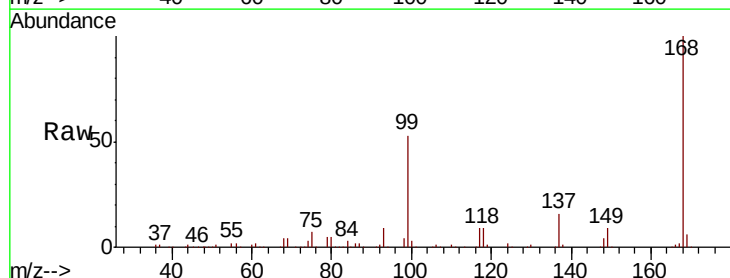
Tgt Ion: 117 Resp: 18749

Ion Ratio Lower Upper

117 100

119 6.0 75.2 112.8#

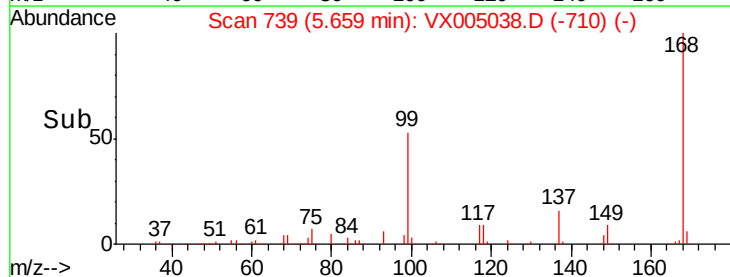
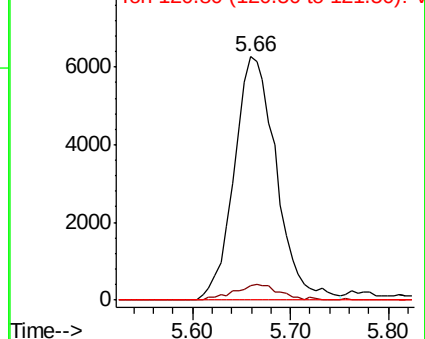
121 0.0 22.5 33.7#

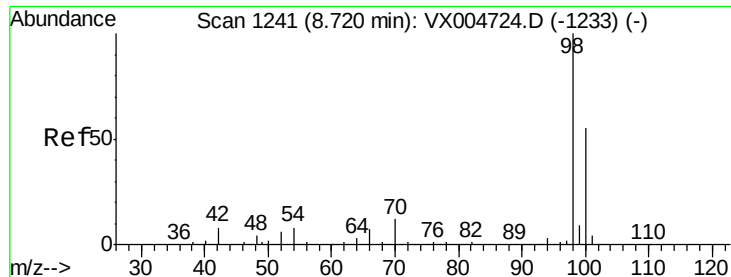


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

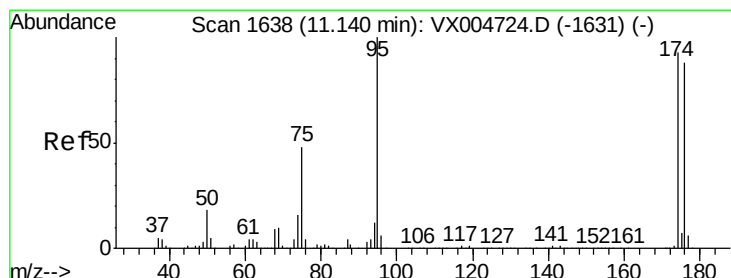
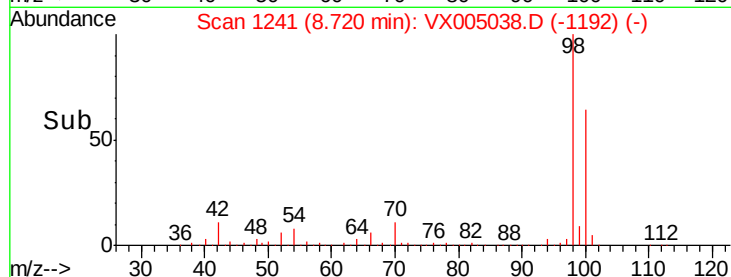
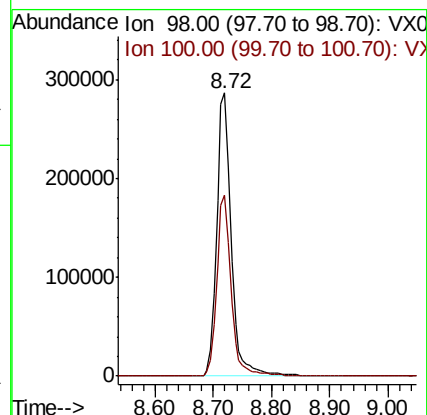
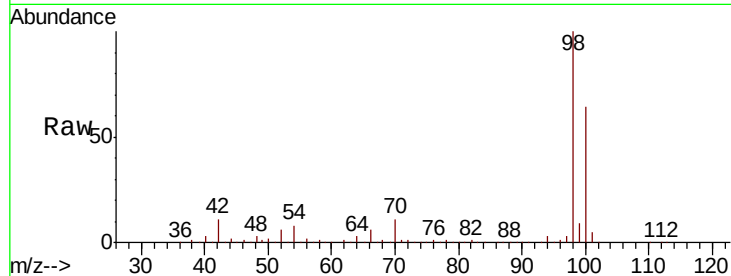




#50
Toluene-d8
Concen: 51.050 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

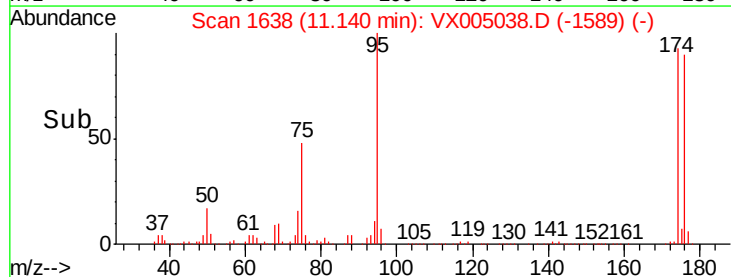
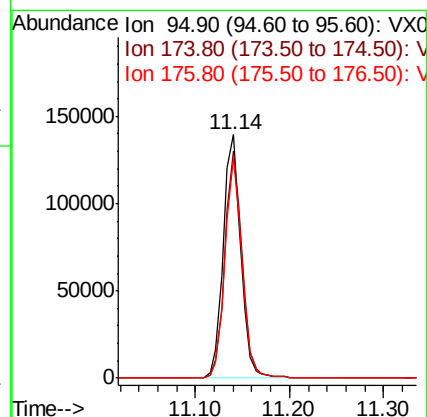
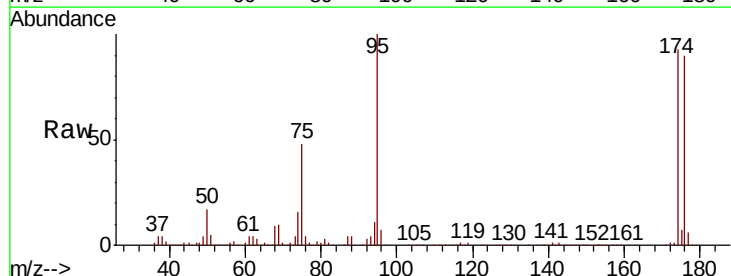
Instrument :
MSVOA_X
ClientSampleId :

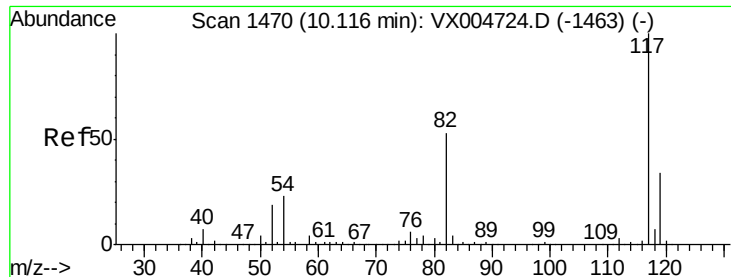
Tot Ion: 98 Resp: 494428
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.817 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 95 Resp: 180796
Ion Ratio Lower Upper
95 100
174 92.0 0.0 185.0
176 87.9 0.0 180.2

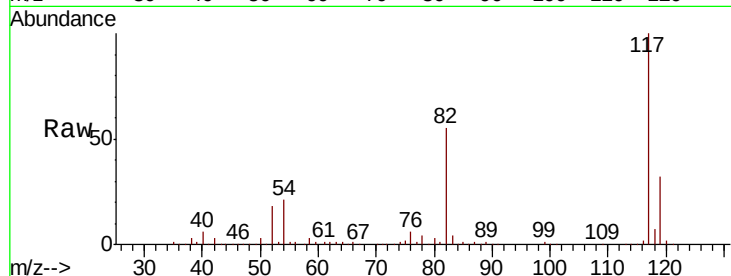




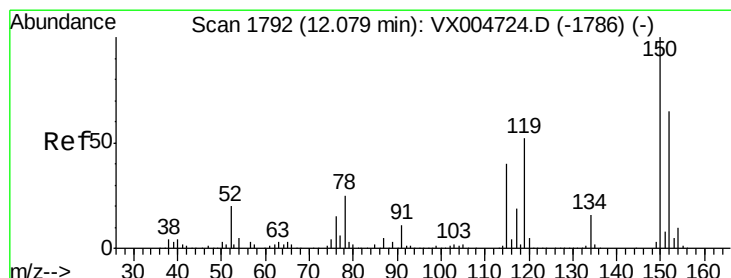
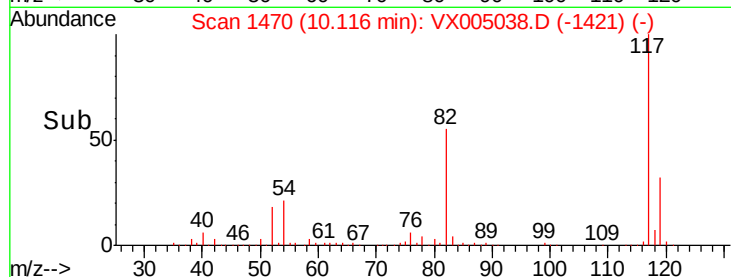
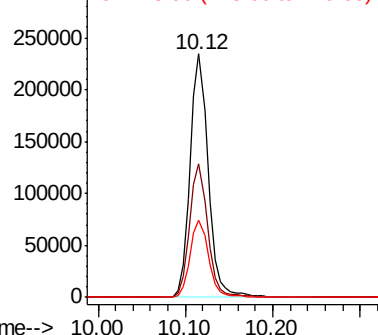
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 335943
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 31.7 27.4 41.0

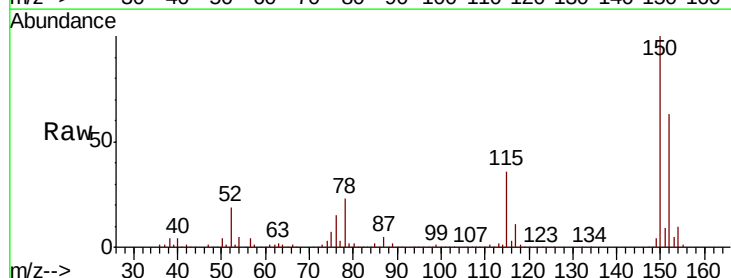


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

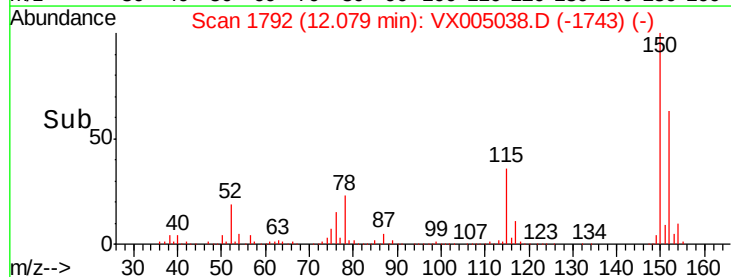
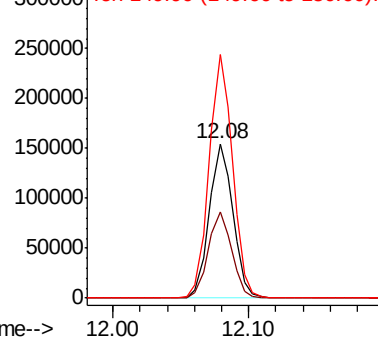


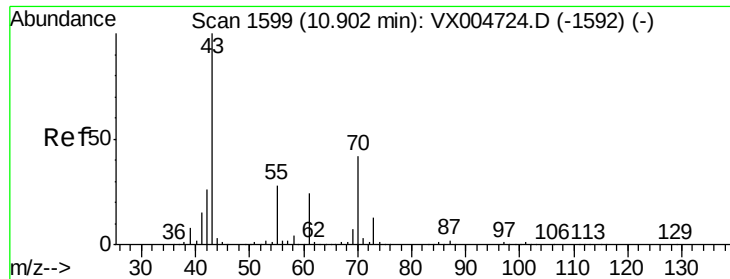
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion:152 Resp: 187100
Ion Ratio Lower Upper
152 100
115 56.0 40.2 120.6
150 156.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.769 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005038.D

Acq: 05 Oct 2018 00:03

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 141

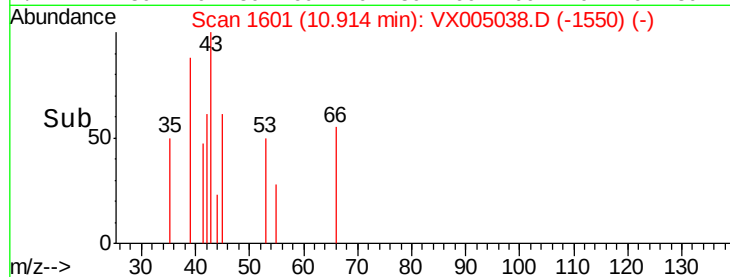
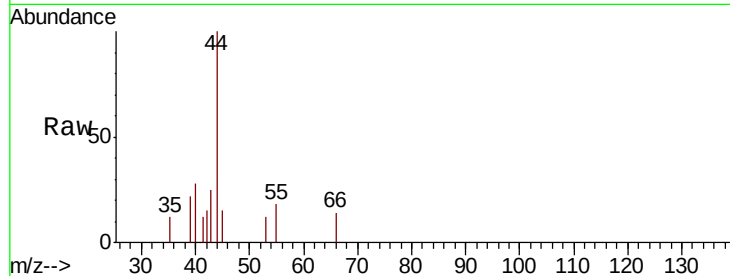
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 98.6 21.6 32.4#

61 0.0 19.1 28.7#

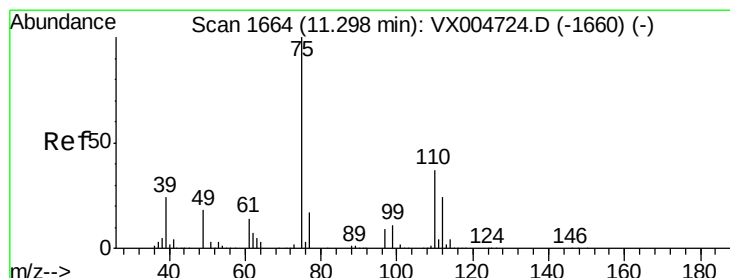
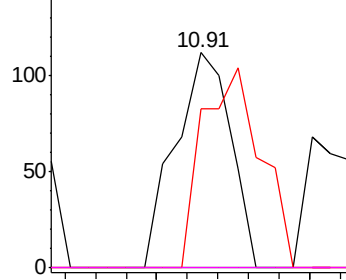


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.074 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005038.D

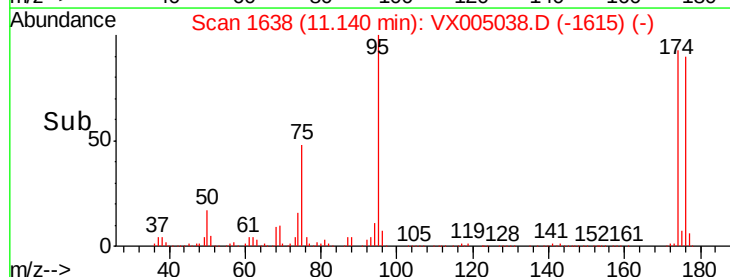
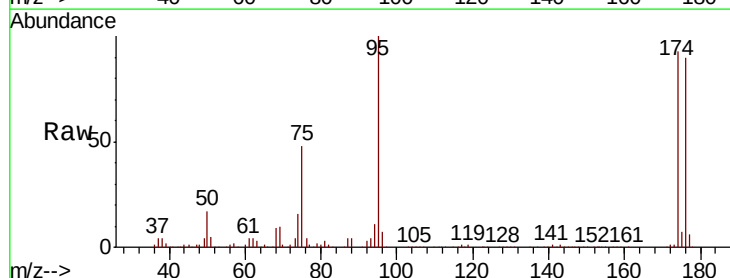
Acq: 05 Oct 2018 00:03

Tgt Ion: 75 Resp: 88377

Ion Ratio Lower Upper

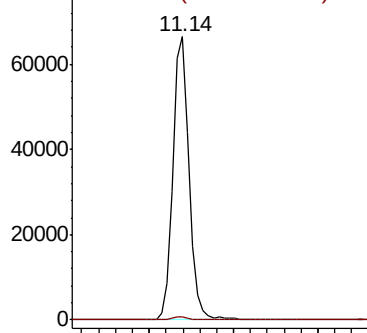
75 100

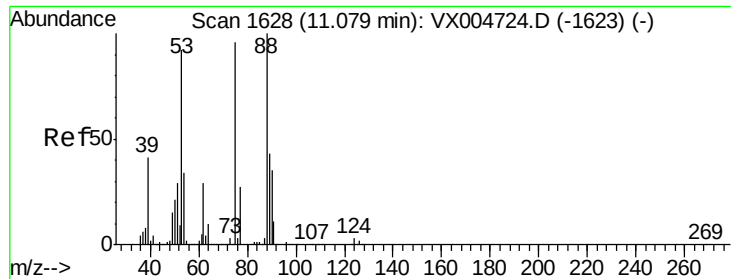
77 1.2 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

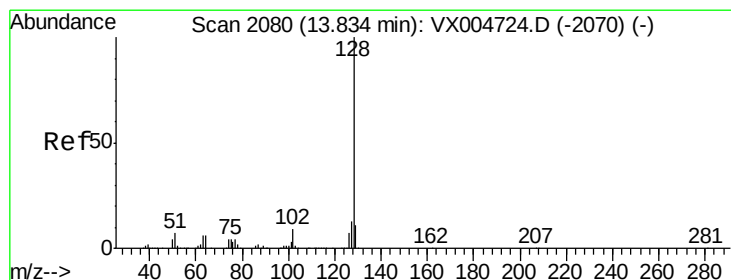
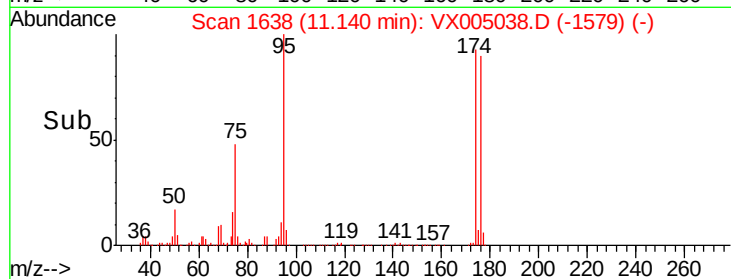
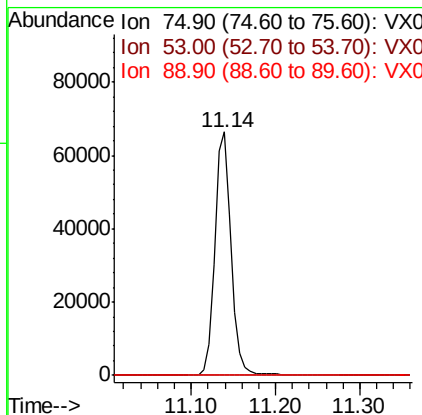
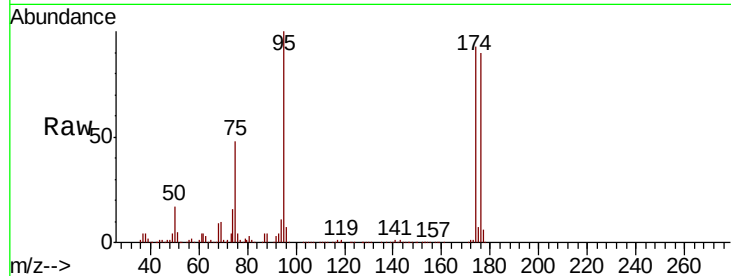




#81
trans-1,4-Dichloro-2-butene
Concen: 57.180 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 88377
Ion Ratio Lower Upper
75 100
53 0.3 80.2 120.4#
89 0.0 37.1 55.7#



#95
Naphthalene
Concen: 0.783 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005038.D
Acq: 05 Oct 2018 00:03

Tgt Ion: 128 Resp: 1009
Ion Ratio Lower Upper
128 100
127 8.7 10.4 15.6#
129 7.6 8.7 13.1#

